CAUTION!

For self-safety keep the above mentioned sequence of operations while connecting the electrizer to a fence.
Should the unit be mounted outside of a building, the connection should be made by a wireman having special professional qualifications (in Poland: SEP-qualifications).
The unit should be protected against moisture, installed in a dry place free of gases as well as flammable and explosive steams. It should be installed in a place beyond out of children, animals and unauthorized persons reach.
Do not unscrew the bolts, do not disassemble the cover.
Repairs, if necessary, should be made by an authorized service station.

6. Instructions of use

An electric fence can be supplied by one electrizer only.
If the fence is longer than 18 km, it should be divided in sections not longer than 18 km each with a distance of 2 m at least between them Each section of the fence should by supplied from one electrizer V2500/V4500 only. The distances between the electric fences should be filled with insulating material.

7. Operational safety

The electrizer satisfies the safety conditions according to PN-EN 60335-2-76

Zak³ad Monta¿u Urz¹ dzeñ Elektronicznych "OLKO" 70-812 Szczecin ul. Pomorska 141/142	USER MANUAL NETWORK SUPPLIED FENCE ELECTRIZER **V2500/V4500**	CE

Thank you for the adoption of our product.
The company “OLKO”, using many years' experience in the designing of farming electrizers, has a pleasure to arouse your interest in a new product which has apart from aesthetic advantages exceptional functional parameters.

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1. Purpose

The network supplied fence electrizer of the type V2500/4500 is intended for electric supplying of a fence surrounding a pasture.

2. Technical data

Supply voltage	230V /50 Hz
Power consumption	Max 8W
Output voltage	8,2 kV (+/- 0,3)
Output voltage under load 500	3,8/4,2kV (+/- 0,3)
Energy of discharge	1,35J/2,95J
Pulsing time	1,2 s (+ 0,1)
Fence length acc. to PN-87/E-0526/02	max. 18km
Tightness of the casing	IP-54

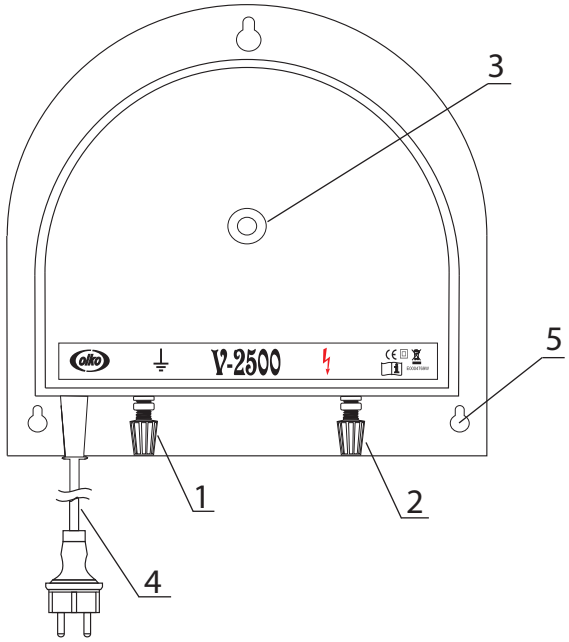

Fig. 1 Fence electrizer V2500/V4500

1. Black terminal, ground
2. Red terminal, high voltage output
3. Supply Controller LED
4. Network supply conductor
5. Mounting Hole

3. Principle of operation

The electronic electrizer (electronic pasturing unit) is a device generating short high voltage pulses which are applied to an electric fence surrounding a pasture where farm animals graze. The energy of a pulse and its length are selected in such a way not to give an animal an electric shock but only to frighten it away from the fence. In case of touching, the voltage at the fence decreases very quickly from 8,2 kV to 3,8/4,2 kV and, considering low pulse energy, this protects against an electric shock. Only bodily experience is nasty to a living organism.

4. Preparation of the electrizer to work

The electrizer should be connected to an electric fence according to Fig.2. It is to keep in mind especially the number of grounding bayonets according to the current conditions of soil humidity.

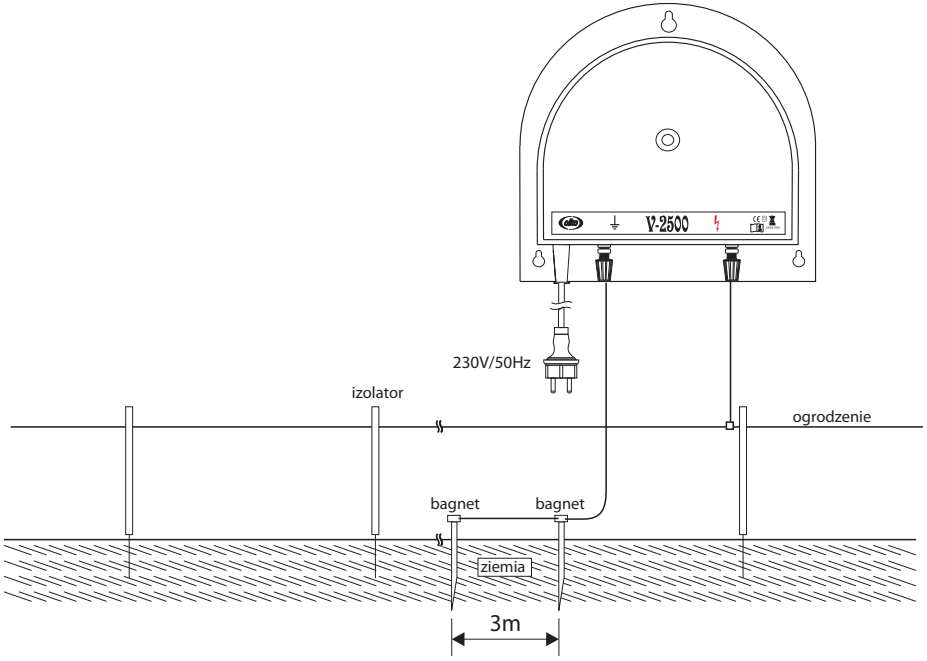

Fig. 2. The connection of the electrizer V2500/V4500 to a fence

5. Set working and checking of the electrizer

- Connect the electrizer to power network ~230V
- After a few seconds the high voltage neon indicator 3 starts to emit light.The pulsing regular sound of ticking inform that the unit operates correctly